

TIBCO General Interface™

Installation

*Professional Edition
Software Release 3.4
April 2007*

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Preface

TIBCO General Interface consists of two components: TIBCO General Interface™ Builder and TIBCO General Interface™ Framework.

TIBCO General Interface Builder is a development environment for building rich Internet applications. The object modeling features of General Interface™ Builder enable developers to quickly create reusable GUI components and assemble them into full applications or application modules. Applications can be accessed in a web browser from a URL, existing HTML page, or portal environment.

General Interface™ Framework is the distributable runtime framework for running browser-based General Interface™ applications.

Topics

- *Related Documentation, page vi*
- *Typographical Conventions, page viii*
- *How to Contact TIBCO Customer Support, page x*

Related Documentation

This section lists documentation resources you may find useful.

TIBCO General Interface Documentation

The following documents form the TIBCO General Interface documentation set:

- *TIBCO General Interface Installation* Read this manual for General Interface installation instructions.
- *TIBCO General Interface Getting Started* Read this manual for overview information and a tutorial that explains how to build a TIBCO General Interface application.
- *TIBCO General Interface Developer Guide* Refer to this manual for in-depth information about developing and deploying TIBCO General Interface applications.
- *TIBCO General Interface Component Guide* Refer to this manual to learn more about components and the Charting add-in, as well as component properties and events.
- *TIBCO General Interface API Reference* Refer to this online help content for descriptions of the TIBCO General Interface JavaScript API functions and methods.
- *TIBCO General Interface Migration* Read this manual for instructions on migrating applications from previous General Interface releases.
- *TIBCO General Interface Release Notes* Read the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

To open the documentation in the product, choose **Help > Help Contents**. Documentation is also available online at <http://developer.tibco.com>.

Further Information

For further information on TIBCO General Interface Builder, visit TIBCO Developer Network at <http://developer.tibco.com>, a comprehensive community that provides opportunities to increase your understanding of TIBCO General Interface Builder. Among the many resources at this web site you will find:

- Video tutorials
- Sample projects

- Product documentation
- Best practices documents
- Forums

Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions




Convention	Use
code font	Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example: Use <code>MyCommand</code> to start the foo process.
bold code font	Bold code font is used in the following ways: <ul style="list-style-type: none"> • In procedures, to indicate what a user types. For example: Type admin. • In large code samples, to indicate the parts of the sample that are of particular interest. • In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, <code>MyCommand</code> is enabled: <code>MyCommand [enable disable]</code>
<i>italic font</i>	Italic font is used in the following ways: <ul style="list-style-type: none"> • To indicate a document title. For example: See <i>TIBCO BusinessWorks Concepts</i>. • To introduce new terms. For example: A portal page may contain several <i>portlets</i>. Portlets are mini-applications that run in a portal. • To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand <i>pathname</i></code>
Key combinations	Key name separated by a plus sign indicate keys pressed simultaneously. For example: <code>Ctrl+C</code> . Key names separated by a comma and space indicate keys pressed one after the other. For example: <code>Esc, Ctrl+Q</code> .
	The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.
	The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result.
	The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.

Table 2 *Syntax Typographical Conventions*

Convention	Use
[]	<p>An optional item in a command or code syntax.</p> <p>For example:</p> <pre>MyCommand [optional_parameter] required_parameter</pre>
	<p>A logical 'OR' that separates multiple items of which only one may be chosen.</p> <p>For example, you can select only one of the following parameters:</p> <pre>MyCommand para1 para2 para3</pre>
{ }	<p>A logical group of items in a command. Other syntax notations may appear within each logical group.</p> <p>For example, the following command requires two parameters, which can be either the pair <code>param1</code> and <code>param2</code>, or the pair <code>param3</code> and <code>param4</code>.</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command requires two parameters. The first parameter can be either <code>param1</code> or <code>param2</code> and the second can be either <code>param3</code> or <code>param4</code>:</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command can accept either two or three parameters. The first parameter must be <code>param1</code>. You can optionally include <code>param2</code> as the second parameter. And the last parameter is either <code>param3</code> or <code>param4</code>.</p> <pre>MyCommand param1 [param2] {param3 param4}</pre>

How to Contact TIBCO Customer Support

The Professional Edition of TIBCO General Interface is unsupported. If you would like support for this product, you may upgrade to the Enterprise Edition and purchase a Support Contract.

For self-service support, education, and access to the TIBCO Developer Network, visit:

<http://developer.tibco.com>

For an overview of TIBCO Support Services and information about getting started with TIBCO Product Support, visit:

<http://www.tibco.com/services/support>

Chapter 1 Installation



This software may be available on multiple operating systems. However, not all operating system platforms for a specific software version are released at the same time. Please see the readme.txt file for the availability of this software version on a specific operating system platform.

This chapter describes how to install TIBCO General Interface software.

Topics

- *Introduction, page 2*
- *System Requirements, page 3*
- *Installing Professional Edition, page 5*
- *Installing Enterprise Edition, page 6*
- *Enterprise Edition Installation Registry, page 8*
- *Further Information, page 9*

Introduction

TIBCO General Interface has two components:

- TIBCO General Interface Framework
- TIBCO General Interface Builder

When you install General Interface Builder, both components are installed.

TIBCO General Interface is also available in two editions:

- Enterprise Edition
- Professional Edition

There are no functional differences between the two editions. However, license terms and support are different. Although Professional Edition is not supported, developer forums are available for posting questions at the TIBCO Developer Network. Visit <http://developer.tibco.com> for product information, tutorials, white papers, best practices documents, sample code, and developer forums.

TIBCO General Interface Framework

TIBCO General Interface Framework is the framework for the runtime and deployment of General Interface applications.

TIBCO General Interface Builder

TIBCO General Interface Builder is a visual environment for designing and developing General Interface applications. The General Interface Builder installation includes General Interface Framework.

System Requirements

This section describes browser platforms and software requirements for TIBCO General Interface. For supported version and vendor information, see the `readme.txt` file provided with this release.

Table 1 System Requirements

Web Browser	Internet Explorer 7.0 and 6.0	Firefox 2.0 and 1.5			RAM and Disk Space
Browser Platforms (See Browser Platform Versions on page 4)	Windows	Windows	Max OS X	Linux	
TIBCO General Interface Framework (Application deployment and runtime)	●	●	◐	◐	Memory: 512MB RAM
TIBCO General Interface Builder (Application design and development)	●	●	◑	◑	Memory: 512MB RAM Free disk space: 100MB
Web/HTTP Server	A web server or HTTP server is required to host the deployed TIBCO General Interface Framework and TIBCO General Interface applications.				

Legend

- Full functionality. Full support for Enterprise Edition.
- ◐ Full functionality but with some known quirks. See Release Notes. Full support for Enterprise Edition.
- ◑ Known quirks. See Release Notes. Not supported.

Table 2 Browser Platform Versions

Browser Platform	Version
Microsoft Windows (x86)	Windows 2003 Server Windows XP Professional SP1 and SP2 Windows Vista
Mac OS X	10.2.x and higher
Linux	i686, 2.2.14, and higher

Installing Professional Edition

TIBCO General Interface - Professional Edition is packaged as a ZIP file and is available on the TIBCO Developer Network.

Note that Professional Edition is not supported. However, developer forums are available at TIBCO Developer Network. Please visit TIBCO Developer Network at <http://developer.tibco.com> for product information, tutorials, white papers, best practices documents, sample code, and developer forums.

To install TIBCO General Interface - Professional Edition on Microsoft Windows, complete the following steps:

1. Download the TIBCO General Interface ZIP file from TIBCO Developer Network at <http://developer.tibco.com>: **tibco-gi-version-pro.zip**.
2. Extract the files in the ZIP file to any location on your computer. The files are extracted to a folder of the following name: **tibco-gi-version-pro**.
3. Download the TIBCO General Interface documentation ZIP file from TIBCO Developer Network at <http://developer.tibco.com>.
4. Extract the documentation ZIP file to *GI_HOME* as explained in the ZIP file readme.
5. Continue to the topic, *Starting TIBCO General Interface Builder in TIBCO General Interface Getting Started*.

Installing Enterprise Edition

TIBCO General Interface - Enterprise Edition is packaged as an executable file. Before installing, see *Installer Disk Space Requirements in Temporary Area* on page 8 for additional disk space requirements.

Please visit TIBCO Developer Network at <http://developer.tibco.com> for product information, tutorials, white papers, best practices documents, sample code, and developer forums.

To start the installer program for TIBCO General Interface - Enterprise Edition on Microsoft Windows:

1. Log into the machine as a user with administrative privileges.
2. Navigate to the installer directory of the installation package.
3. Double-click the executable file for TIBCO General Interface Builder - Enterprise Edition:
TIB_gi-enterprise-builder-simple-version_win_x86.exe. This executable file includes TIBCO General Interface Builder and TIBCO General Interface Framework, the framework for server deployments.
4. Click **Next** in the Welcome screen.
5. Read the license text. Scroll to the end of the text, click **I accept the terms of the License Agreements**, and click **Next**.



If you're upgrading directly from TIBCO General Interface 3.0 to 3.3, a warning dialog prompts you to move or remove the 3.0 installation. If you want to save existing projects and the 3.0 installation, click **Yes** to move the previous installation to `tibco/gi-3.0.0`.

6. Read the Important Notice text and click **Next**.

The installer displays the TIBCO Home directory, which is specified the first time a TIBCO product is installed on this machine. The value cannot be modified. The directory name must not include any space characters.

Multiple TIBCO General Interface Builder versions can coexist, because each version is installed in a separate `gi/version` directory.

7. Click **Next** to continue.
8. Select one of the following:
 - **Typical** to install all TIBCO General Interface components.
 - **Custom** to select the components to install.

- Click **Next**.
- If you selected Custom, select the components to install and click **Next**. The following table describes each component:

Component Name	Description
TIBCO General Interface Framework	This option includes only the runtime framework.
TIBCO General Interface Builder	This option includes TIBCO General Interface Builder as well as the runtime framework.
Documentation and Tutorials	This option includes HTML and PDF files for online documentation.

- Click **Next** to continue.
- Click **Next** to install the software.
- Click **Finish** to exit the installer.
- Continue to the topic, *Starting TIBCO General Interface Builder in TIBCO General Interface Getting Started*.

Enterprise Edition Installation Registry

When installing the Enterprise Edition, the installer maintains an installation registry. The registry location depends on platform. This section explains where the registry files are located. The files have vpd as a prefix, which stands for Vital Product Database.



Do not edit, modify, rename, move, or remove any of the registry vpd files.

The installation registry is maintained in the `%SystemRoot%` folder. The following files represent the installation registry:

```
%SystemRoot%\vpd.properties  
%SystemRoot%\vpd.properties.tibco.systemName
```

Installer Disk Space Requirements in Temporary Area

The entire package is extracted into a temp folder, typically `SystemDrive:\Temp` or `SystemDrive:\Documents and Settings\user_name\Local Settings\Temp`.

The installer requires 11MB of free space in the temp directory.

Installation History

When installing the Enterprise Edition, the installer and uninstaller create a file called `TIBCOInstallationHistory.xml` in the same location where the installation registry is created. Each time an installation or uninstallation is performed, entries are appended to the file.

On Microsoft Windows: `%SystemRoot%\TIBCOInstallationHistory.xml`

The file `TIBCOInstallationHistory.xml` therefore contains the record of all installation and uninstallation activities of all TIBCO products, features, and components.



Do not edit, modify, rename, move, or remove the `TIBCOInstallationHistory.xml` file.

Further Information

For more information, explore these topics:

- Starting TIBCO General Interface Builder in *TIBCO General Interface Getting Started*
- TIBCO General Interface Files and Folders in *TIBCO General Interface Developer Guide*
- Tutorial: Creating an Application in *TIBCO General Interface Getting Started*
- TIBCO General Interface Builder Basics in *TIBCO General Interface Developer Guide*
- TIBCO General Interface Framework Basics in *TIBCO General Interface Developer Guide*

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